

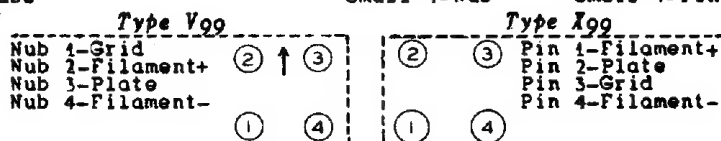


RCA-V99, RCA-X99

# DETECTOR, AMPLIFIER

99

Filament	V99-Thoriated Tungsten	X99-Coated
Voltage	3.0 - 3.3	d-c volts
Current	0.060 - 0.063	amp.
Direct Interelectrode Capacitances:		
Grid to Plate	3.3	µpf
Grid to Filament	2.5	µpf
Plate to Filament	2.5	µpf
	Type V99	Type X99
Maximum Overall Length	3-1/2"	4"
Maximum Diameter	1-1/16"	1-3/16"
Bulb	T-8	T-8
Base	Small 4-Nub	Small 4-Pin



BOTTOM VIEWS

## AMPLIFIER (Class A)

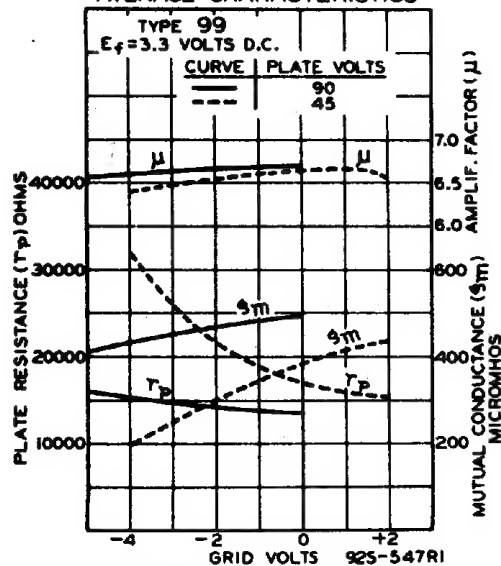
### Operating Conditions and Characteristics:

Filament	3.3	d-c volts
Plate	90 maximum	volts
Grid	-4.5	volts
Amp. Fact.	6.6	
Plate Res.	15500	ohms
Mut. Cond.	425	µmhos
Plate Cur.	2.5	ma.

## DETECTOR

Typical Operation:	Biased	Grid-Leak	
Filament	3.3	3.3	d-c volts
Plate	90 max.	45	volts
Grid	-10.5 approx.	Return to (+) Fil.	volts
Plate Cur.	Adjusted to 0.2 ma. with no input signal	-	
Grid Leak	-	0.25 to 5	megohms
Grid Condenser	-	0.00025	µf

## AVERAGE CHARACTERISTICS

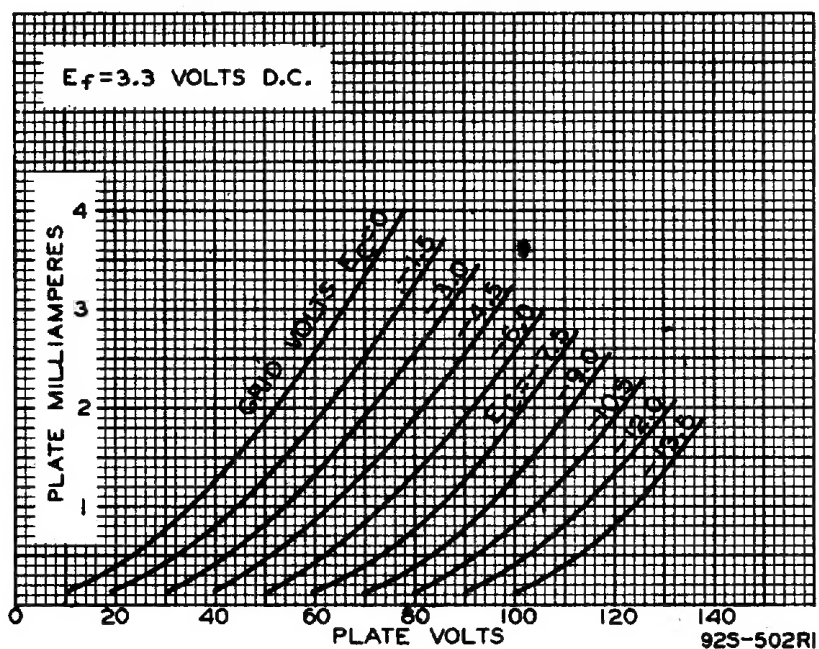


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RCA RADIOTRON DIVISION  
RCA MANUFACTURING COMPANY, INC.

DATA

### AVERAGE PLATE CHARACTERISTICS



### AVERAGE CHARACTERISTICS

